

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 65476(54699)
INTERNATIONAL APPLICATION NO. PCT/US2004/035637	INTERNATIONAL FILING DATE 28 October 2004	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 06/514,888 107577597
TITLE OF INVENTION SPATIAL LIGHT MODULATOR APPARATUS AND METHOD		PRIORITY DATE CLAIMED 28 October 2003
APPLICANT(S) FOR DO/EO/US Cha-Min Tang et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))</p> <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
<p>Items 11 to 20 below concern document(s) or information included:</p> <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p>		

IAP12 Rec'd PCT/PTO 27 APR 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

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The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</td> <td></td> <td></td> </tr> <tr> <td>Total Sheets</td> <td>Extra Sheets</td> <td>Number of each additional 50 or fraction thereof (round up to a whole number)</td> <td>RATE</td> <td></td> </tr> <tr> <td>- 100 =</td> <td>/50 =</td> <td></td> <td>x \$250.00</td> <td>\$</td> </tr> <tr> <td colspan="4">Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).</td> <td>\$</td> </tr> <tr> <td>CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> <td>RATE</td> <td></td> </tr> <tr> <td>Total claims</td> <td>25 - 20 =</td> <td>5</td> <td>x 50.00</td> <td>250.00</td> </tr> <tr> <td>Independent claims</td> <td>4 - 3 =</td> <td>1</td> <td>x 200.00</td> <td>200.00</td> </tr> <tr> <td colspan="4">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+</td> </tr> <tr> <td colspan="4">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$ 1,050.00</td> </tr> <tr> <td colspan="4"><input checked="" type="checkbox"/> Applicant claims small entity status. 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The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</td> <td>\$</td> </tr> <tr> <td colspan="4"></td> <td>\$</td> </tr> <tr> <td colspan="4">TOTAL FEES ENCLOSED =</td> <td>\$ 525.00</td> </tr> <tr> <td colspan="4"></td> <td>Amount to be refunded: \$</td> </tr> <tr> <td colspan="4"></td> <td>Amount to be charged \$</td> </tr> </table>						21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....	\$300	CALCULATIONS	PTO USEONLY	22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....	\$0	\$200.00		All other situations	\$200			23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)	\$0			Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....	\$100			International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....	\$400			All other situations.....	\$500			TOTAL OF 21, 22 and 23 =		\$ 600.00		<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). 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- a. A check in the amount of \$ _____ to cover the above fees is enclosed.
- b. Please charge my Deposit Account No. 04-1105 in the amount of \$ 525.00 to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-1105. A duplicate copy of this sheet is enclosed.
- d. Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

George N. Chacras
 EDWARDS ANGELL PALMER & DODGE LLP
 P.O. Box 55874
 Boston, Massachusetts 02205
 (401) 276-6653



SIGNATURE

George N. Chacras

NAME

CUSTOMER NUMBER: 21874

46,608

REGISTRATION NUMBER

10/577597

IAP12 Rec'd PCT/PTO 27 APR 2006

FEE TRANSMITTAL for FY 2005		Complete if Known																																																																																																																																																																																																																														
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<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account: Deposit Account Number 04-1105 Deposit Account Name Edwards Angell Palmer & Dodge LLP The Director is authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) or any underpayment of fee(s) <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.				3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>Fee Code</td><td>Fee (\$)</td><td>Fee Code</td><td>Fee (\$)</td></tr> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td>430</td><td>2252</td><td>215</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>980</td><td>2253</td><td>490</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1,530</td><td>2254</td><td>765</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>2,080</td><td>2255</td><td>1,040</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>340</td><td>2401</td><td>170</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>340</td><td>2402</td><td>170</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>300</td><td>2403</td><td>150</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,370</td><td>2453</td><td>685</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>1,370</td><td>2501</td><td>685</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>490</td><td>2502</td><td>245</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>660</td><td>2503</td><td>330</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td>790</td><td>2809</td><td>395</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>790</td><td>2810</td><td>395</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>790</td><td>2801</td><td>395</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td>Basic National Stage fee</td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td>National Stage Examination Fee - 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Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																																																													
1051	130	2051	65	Surcharge - late filing fee or oath																																																																																																																																																																																																																												
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																																												
1053	130	1053	130	Non-English specification																																																																																																																																																																																																																												
1812	2,520	1812	2,520	For filing a request for ex parte reexamination																																																																																																																																																																																																																												
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																												
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																												
1251	110	2251	55	Extension for reply within first month																																																																																																																																																																																																																												
1252	430	2252	215	Extension for reply within second month																																																																																																																																																																																																																												
1253	980	2253	490	Extension for reply within third month																																																																																																																																																																																																																												
1254	1,530	2254	765	Extension for reply within fourth month																																																																																																																																																																																																																												
1255	2,080	2255	1,040	Extension for reply within fifth month																																																																																																																																																																																																																												
1401	340	2401	170	Notice of Appeal																																																																																																																																																																																																																												
1402	340	2402	170	Filing a brief in support of an appeal																																																																																																																																																																																																																												
1403	300	2403	150	Request for oral hearing																																																																																																																																																																																																																												
1451	1,510	1451	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																																												
1452	110	2452	55	Petition to revive - unavoidable																																																																																																																																																																																																																												
1453	1,370	2453	685	Petition to revive - unintentional																																																																																																																																																																																																																												
1501	1,370	2501	685	Utility issue fee (or reissue)																																																																																																																																																																																																																												
1502	490	2502	245	Design issue fee																																																																																																																																																																																																																												
1503	660	2503	330	Plant issue fee																																																																																																																																																																																																																												
1460	130	1460	130	Petitions to the Commissioner																																																																																																																																																																																																																												
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																																																												
1806	180	1806	180	Submission of Information Disclosure Stmt																																																																																																																																																																																																																												
8021	40	8021	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																												
1809	790	2809	395	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																																																												
1810	790	2810	395	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																																																												
1801	790	2801	395	Request for Continued Examination (RCE)																																																																																																																																																																																																																												
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																																																																												
				Basic National Stage fee																																																																																																																																																																																																																												
				National Stage Examination Fee - all other																																																																																																																																																																																																																												
				2631 ...	150.00																																																																																																																																																																																																																											
				2633 National Stage Search Fee - U.S. was the ISA	100.00																																																																																																																																																																																																																											
				2641 50.00	50.00																																																																																																																																																																																																																											
				2615 National Stage claims - extra total (over twenty)	125.00																																																																																																																																																																																																																											
				2614 National Stage claims - extra independent (over ...)	100.00																																																																																																																																																																																																																											
SUBTOTAL (1) (\$)		*Reduced by Basic Filing Fee Paid																																																																																																																																																																																																																														
SUBTOTAL (2) (\$)		SUBTOTAL (3) (\$)																																																																																																																																																																																																																														
**or number previously paid, if greater. For Reissues, see above																																																																																																																																																																																																																																

SUBMITTED BY		(Complete if applicable)		
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Signature			Date	4-27-2006

10/577597

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Attorney Docket No.: 65476(54699)

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Application Data Sheet (3 pages)
Fee Transmittal (1 page)
Copy of International Application
Oath or declaration of the inventors
Information Disclosure Statement w/Form 1449 and one reference
Preliminary Amendment
Transmittal Letter to the United States Designated-Elected Office (3 pages)

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